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Specializing in
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Mar. 22, 2004

Transmittal Letter

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Utility Patent Application
Application No. 09/590,584 Filed: Jun. 8, 2000
Title: **Methods For Automatically Pipelining Loops**
Inventors: Tai A. Ly et al.
Our Ref: 06816.0010

Sir:

Applicants herewith authorize in order to treat as timely, for the concurrent or any future reply that requires a petition for an extension of time under 37 CFR 1.136(a), the Commissioner of Patents and Trademarks to process such reply as incorporating a petition for extension of time for the appropriate length of time. A deficiency concerning any fee, for the concurrent or any future reply, should be charged to deposit account number 502584. An overpayment concerning any fee, for the concurrent or any future reply, should be credited to deposit account number 502584.

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Certificate of Mailing, on this transmittal letter, establishing a filing date of Mar. 22, 2004 for all documents listed hereon;
2. Return postcard;
3. Amendment (58 pages), in response to an Office Actions mailed 02/20/04 and 06/05/03;
4. Twenty-seven replacement drawing sheets for Figures: 1, 2, 3(a)-3(b), 4(a), 4(b), 5, 6, 7, 8, 9, 10, 11, 12, 13(a), 13(b), 14, 15, 16, 17(a), 17(b), 18, 19(a), 19(b), 20, 21, 22, 23, 24, 25, 26, 27 and 28; and



5. Eight additional drawing sheets for Figures: 29(a)-29(c), 30(a)-30(b), 31, 32(a)-32(c), 33(a)-33(b), 34(a)-34(d), 35(a)-35(b), 36(a)-36(d), 37(a)-37(b), 38, 39(a)-39(b), 40, 41, 42, 43, 44(a)-44(b) and 45.

It is respectfully requested that the attached postage-prepaid postcard be stamped with the date of receipt of these documents and returned via U.S. mail.

A duplicate copy of this letter is enclosed.

Respectfully submitted,

Jonathan T. Kaplan

Jonathan T. Kaplan
Registration No. 38,935

Enclosures

CERTIFICATE OF MAILING

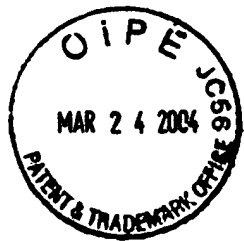
I hereby certify that this correspondence is being deposited with the U.S. Postal Service on Mar. 22, 2004, with sufficient postage as first class mail, in an envelope addressed to:

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

**Person signing this certificate:
Jonathan T. Kaplan, Reg. No. 38,935**

Signature:

Jonathan T. Kaplan



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tai A. Ly et al.

Application No. **09/590,584**

Filed: **Jun. 8, 2000**

For: **Methods For Automatically
Pipelining Loops**

Art Unit: **2825**

Examiner: **A. Thompson**

Confirmation No. **1223**

Attorney Docket: **06816.0010**

Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Madam:

In response to Office Actions mailed on June 5, 2003 and Feb. 20, 2004,
applicant submits the present Amendment on March 22, 2004.